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IN THE U.S. PATENT & TRADEMARK OFFICE

Applicant: Badovinatz, et al.	:	Group Art Unit 2152 / Conf. No.7941
Serial No.: 09/993,990	:	Examiner:
Filed: November 6, 2001	:	May 15, 2003
Title: IMPROVING COMMUNICATION	:	Lawrence D. Cutter
EFFICIENCY AND PERFORMANCE IN	:	IBM Corporation
UNRELIABLE COMMUNICATION	:	2455 South Road, M/S P386
ENVIRONMENT	:	Poughkeepsie, N.Y. 12601

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:

Listed on the accompanying form PTO-1449 are documents that are being submitted for consideration under 37 CFR 1.97(b) and 1.98. Copies of the documents are enclosed. The Examiner's attention is directed to the following explanation that details how the above-identified patent application is distinguished over this art.

The article by Tanenbaum S: "Computer Networks" (XP002233582) deals with TCP congestion control between two communication end points to maximize the efficiency of the bandwidth and throughput. However, it does not deal with the case where one sends messages (one or many) to many receivers. In this case, the sender needs to regulate the transmission based on the activities between all other nodes, in addition to the activity between the sender and one receiver.

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CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on May 16 , 2003.

Susan L. Phelps   5-16-2003

Susan L. Phelps   Date

The article "Real-Time Video on the Web using Dynamic ..." has a goal similar to the goal in XP002233582, namely, to control the transmission rate between two ends.

In contrast to the above, the present invention tries to maximize the efficiency of transmission between many nodes (not only between two end nodes) when each node may broadcast the messages to other nodes via unreliable communication channels.

Respectfully submitted,

MAY 15, 2003
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Date

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		INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*	Docket Number (Optional) POU920010159US1		Application Number 09/993,990

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)	Application Number
POU920010159US1	09/993,990

Applicant(s)
Badovinatz et al.

Filing Date	Group Art Unit
11/06/2001	2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS   *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	REF	
	a	Tanenbaum, S., "Computer Networks," The Transport Layer, 01/15/1996, ISBN 0-13-394248-1, pp. 536-542, XP-002233582
	b	Jacobs, et al., "Real-time Video on the Web Using Dynamic Rate Shaping," IEEE, ISBN 0-8186-8183-7, 10/26/1997, pp. 14-17,

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.